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	Application No.	Applicant(s)
Notice of Allowability	10/010,945	SHIBATA ET AL.
Nouce of Allowability	Examiner	Art Unit
	Timothy H. Meeks	1762
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT F of the Office or upon petition by the applicant. See 37 CFR 1.31	S (OR REMAINS) CLOSED in this application or other appropriate communication RIGHTS. This application is subject to and MPEP 1308.	oplication. If not included not included not included in due course. THIS
 This communication is responsive to the amendment med The allowed claim(s) is/are 1-6. The drawings filed on 06 December 2001 are accepted b Acknowledgment is made of a claim for foreign priority ur All b) Some* c) None of the: 	y the Examiner. nder 35 U.S.C. § 119(a)-(d) or (f).	
1. ☑ Certified copies of the priority documents have been received.2. ☐ Certified copies of the priority documents have been received in Application No		
2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority do International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 5. Acknowledgment is made of a claim for domestic priority (a) The translation of the foreign language provisional (a) Acknowledgment is made of a claim for domestic priority (below. Failure to timely comply will result in ABANDONMENT of the foreign language provisional Applicant has THREE MONTHS FROM THE "MAILING DATE" (below. Failure to timely comply will result in ABANDONMENT of the foreign language provisional Applicant has THREE MONTHS FROM THE "MAILING DATE" (below. Failure to timely comply will result in ABANDONMENT of the failure to timely ca	under 35 U.S.C. § 119(e) (to a provis application has been received. under 35 U.S.C. §§ 120 and/or 121. of this communication to file a reply of this application. THIS THREE-MC smitted. Note the attached EXAMINE ason(s) why the oath or declaration is erson's Patent Drawing Review (PTC g correction filed, which has ber's Amendment / Comment or in the	complying with the requirements noted onth Period Is NOT EXTENDABLE R'S AMENDMENT or NOTICE OF a deficient. D-948) attached been approved by the Examiner.
each sheet.	1.04(c)) Should be written on the draw	migs in the none (not the back) of
9. DEPOSIT OF and/or INFORMATION about the dep attached Examiner's comment regarding REQUIREMENT FOR	oosit of BIOLOGICAL MATERIAL THE DEPOSIT OF BIOLOGICAL M	must be submitted. Note the ATERIAL.
Attachment(s)		
 1 Notice of References Cited (PTO-892) 3 Notice of Draftperson's Patent Drawing Review (PTO-948) 5 Information Disclosure Statements (PTO-1449), Paper No. 7 Examiner's Comment Regarding Requirement for Deposit of Biological Material 	4☐ Interview Sumr 6☐ Examiner's Am	nal Patent Application (PTO-152) mary (PTO-413), Paper No sendment/Comment stement of Reasons for Allowance

Application/Control Number: 10/010,945

Art Unit: 1762

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance: Applicants have amended claim 1 to require that the wall directly opposite to the substrate in the reactor be directly cooled. The closest art of record was cited in the first office action. USP 4,047,496 was relied upon to show the feature of directly cooling an inside wall of a reactor. However, this reference does not disclose directly cooling wall 31 shown in the figure 1 and elsewhere which is the wall directly opposite the substrate. Furthermore, USP 4,047,496 provides no motivation to directly cool wall 31 in that said wall is transparent to the radiant energy used to heat the substrate and therefore remains unheated and the direct cooling system disclosed in USP 4,047,496 is used only to cool the block housing the lamps so that the apparatus does not overheat and not to "directly" cool wall 31.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Timothy H. Meeks whose telephone number is (703) 308-3816. The examiner can normally be reached on Mon., Tues., Thurs.(6-6:30), Fri.(6:30-10:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Shrive P. Beck can be reached on (703) 308-2333. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Application/Control Number: 10/010,945

Art Unit: 1762

Page 3

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the receptionist whose telephone number is (703) 308-0661.

Timothy H. Meeks Primary Examiner Art Unit 1762